

ABSTRACT OF DISCLOSURE

An in-plane switching mode active matrix liquid crystal display panel includes a substrate structure having a black matrix defining openings and color filter layers disposed in the openings, another substrate structure formed with thin film transistors, pixel electrodes and common electrodes for generating local lateral electric fields and liquid crystal filling the gap between the substrate structures, wherein a highly resistive layer is inserted in the gap between the black matrix and the color filter layers for blocking the color filter layers from electric charges induced in the black matrix due to a potential variation on the pixel electrodes, thereby preventing the visual images from an after image and irregularity in colors.